

DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

SSC CHSL

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 04

QUESTION- 100

MARKS- 200

NEGATIVE MARK- 0.50

DURATION- 60 MIN.

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.
3. There are a total of 100 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.

6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
11. 2 marks will be given for each correct answer and 0.50 marks will be deducted for each wrong answer.



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Total: 100 Que.

SSC CHSL Tier I Mock Test 04

Time: 60 Min.

English Language(Basic Knowledge)

- 1). Select the alternative that will improve the underlined part of the sentence in case there is no improvement select No improvement.

The crowd wave feverishly when they saw their leader.

- (a) waving hard (b) wave well (c) No improvement
(d) waved frantically

- 2). Select the word which means the same as the group of words given

The original inhabitants of a country

- (a) slaves (b) immigrants (c) aborigines
(d) residents

- 3). Select the most appropriate option to fill in the blank.

The employees of our company are not _____ of their freedom.

- (a) deployed (b) denied (c) dissipated
(d) deprived

- 4). Select the word that is opposite in meaning (ANTONYM) to the word given below.

AMASS

- (a) collect (b) horde (c) heap (d) distribute

- 5). Select the most appropriate synonym of the given word.

WARY

- (a) rash (b) inattentive (c) lax (d) alert

- 6). Select the most appropriate synonym of the given word.

RECEDE

- (a) increase (b) intensify (c) waver (d) wane

- 7). Choose the most appropriate option to change the voice (active/passive) form of the given sentence.

The chief guest gave prizes to the children.

- (a) The children were being given prizes by the chief guest.
(b) The children are given prizes by the chief guest.
(c) The children were given prizes by the chief guest.
(d) The children was given prizes by the chief guest.

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The two men bowed to one (Q1) _____ and parted. D'Artagnan found himself in a difficult (Q2) _____. He was going to have to (Q3) _____ three duels in a (Q4) _____ of three hours. He thought, If they kill me, (Q5) _____ I shall be killed by a Musketeer.

- 8). Select the most appropriate option to fill blank no. 1

- (a) each (b) other (c) self (d) another

- 9). Select the most appropriate option to fill blank no. 2

- (a) location (b) relation (c) situation (d) station

- 10). Select the most appropriate option to fill blank no. 3

- (a) figure out (b) think out (c) fight (d) fix

- 11). Select the most appropriate option to fill blank no. 4

- (a) place (b) matter (c) gap (d) time

- 12). Select the most appropriate option to fill blank no. 5

- (a) maximum (b) at least (c) least
(d) even though

- 13). Select the most appropriate meaning of the idiom underlined in the sentence.

My aunt who orders everyone around is a pain in the neck.

- (a) irritating (b) short tempered (c) curious
(d) argumentative

14). Select the correctly spelt word.

- (a) contrapsion (b) constuction (c) controversy
(d) controdiction

15). Select the alternative that will improve the underlined part of the sentence in case there is no improvement select No improvement.

I experienced excruciating pain when the hammer fell on my foot.

- (a) exciting pain (b) affable pain
(c) strong pains (d) No improvement

16). Select the correctly spelt word.

- (a) necassery (b) nesessary (c) necessary
(d) necessery

17). Select the most appropriate option to fill in the blank.

The Prime Minister was _____ a ceremonial welcome.

- (a) initiated (b) extended (c) expected (d) invited

18). Identify the segment in the sentence, which contains the grammatical error.

My grandmother has been lives in Shimla since her childhood days.

- (a) has been lives (b) her childhood days
(c) My grandmother (d) in Shimla since

19). Select the most appropriate antonym of the given word.

POROUS

- (a) spongy (b) permeable (c) impermeable
(d) absorbent

20). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

A new student said to me, "Where is the Principal's office?"

- (a) A new student asked me where the Principal's office is.
(b) A new student asked me where is the Principal's office.

(c) A new student said to me where the Principal's office was.

(d) A new student asked me where the Principal's office was

21). Identify the segment in the sentence, which contains the grammatical error.

Very little metals are as precious as gold.

- (a) as precious is (b) metals are (c) as gold
(d) Very little

22). Select the most appropriate meaning of the idiom underlined in the sentence.

Please come to the point, don't beat around the bush.

- (a) avoid the topic (b) hide behind a bush
(c) make excuses (d) accept defeat

23). Given below are four jumbled sentences. Pick the option that gives their correct order.

A) Yes, first get us some fresh juice and some sandwiches.

B) May I take your order?

C) Not now, maybe a little later.

D) Sure. Would you like some coffee too?

- (a) CDBA (b) ABCD (c) BADC (d) BCDA

24). Select the word which means the same as the group of words given.

One who treats skin diseases

- (a) dermatologist (b) radiologist (c) geologist
(d) cardiologist

25). Given below are four jumbled sentences. Pick the option that gives their correct order.

P. Then she does some gardening.

Q. Finally before her mid-morning nap, she eats a light breakfast.

R. My grandmother is an active eighty years old.

S. She begins her morning with meditation.

- (a) RSQP (b) SRQP (c) RPQS (d) RSPQ

General Intelligence

1). Arrange the following words in a logical and meaningful order.

1) Summer

2) Winter

3) Monsoon

4) Spring

5) Autumn

(a) 4, 1, 5, 3, 2 (b) 4, 3, 1, 5, 2 (c) 4, 1, 3, 5, 2

(d) 4, 5, 3, 1, 2

2). Deepthi said to her friend, "That girl playing with the dog is the younger of the two sisters of the son of my mother's husband".

How is the girl playing with the dog related to Deepthi?

(a) Grand-daughter (b) Wife (c) Sister

(d) Daughter-in-law

3). Which two signs should be interchanged in the following equation to make it correct?

$$15 + 15 - 2 \times 10 \div 35 = 16$$

(a) + and - (b) \times and \div (c) \times and - (d) + and \div

4). 'Machine' is related to 'Operator' in the same way as 'Car' is related to '_____'

(a) Drive (b) Bus (c) Mechanic (d) Engine

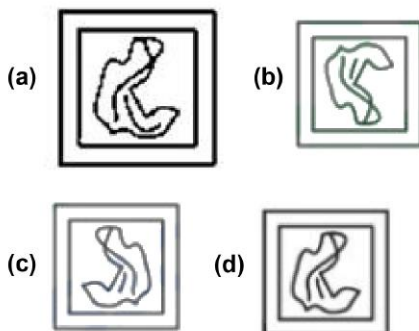
5). Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(a) CGK (b) LPT (c) BFM (d) NRV

6). Select the option in which the given figure (X) is embedded (rotation not allowed)



X



7). Three of the following four words are alike in a certain way and one is different. Pick the odd word

out.

(a) Disaster (b) Storm (c) Cyclone (d) Flood

8). Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All knives are axes.

All axes are swords.

All saws are swords.

Conclusions:

I. All swords are knives.

II. Some axes are saws.

III. No axe is saw.

(a) Either conclusion II or III follows.

(b) Only conclusion I follow.

(c) All the conclusions follow.

(d) Only conclusions I and II follow.

9). Which letter-pair will replace the question mark (?) in the following series?

JG, LI, ?, VS, DA

(a) PM (b) QM (c) PQ (d) OR

10). Select the set in which the numbers are related in the same way as are the numbers of the following set.


(64, 100, 328)

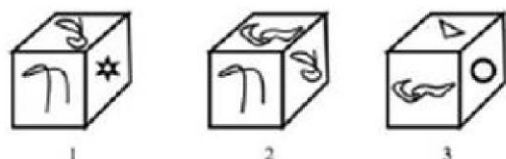
(a) (16, 36, 54) (b) (49, 81, 137) (c) (25, 49, 148)




(d) (36, 64, 97)

11). If it was Friday on 1 January 2016, what was the day of the week on 31 December 2016?

(a) Saturday (b) Friday (c) Monday (d) Sunday

12). Three different positions of the same dice are shown. Select the pattern that will be on the face opposite to the one having  ?



(a)  (b)  (c)  (d) 

13). Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

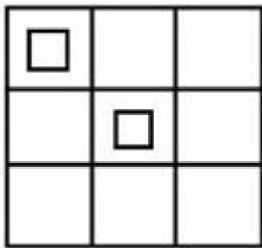
- (a) 16 (b) 121 (c) 100 (d) 81

14). Select the set in which the numbers are related in the same way as are the numbers of the following set.

(45, 49, 47)

- (a) (25, 54, 79) (b) (15, 19, 37) (c) (5, 39, 44)
(d) (35, 59, 47)

15). How many squares are present in the following figure?



- (a) 12 (b) 14 (c) 18 (d) 16

16). Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair.

PM : UT :: RU : ?

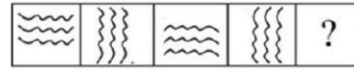
- (a) XA (b) XB (c) WA (d) WB

17). Select the correct Mirror image of the given figure when the mirror is placed to the right of the figure.



- (a) (b)
(c) (d)

18). Select the Answer Fig. that will come next in the following Problem Fig. series.



- (a) (b)
(c) (d)

19). Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

42 : 56

- (a) 17 : 49 (b) 22 : 44 (c) 35 : 51 (d) 12 : 20

20). Which number will replace the question mark (?) in the following series?

6, 12, 36, 144, ?

- (a) 720 (b) 520 (c) 620 (d) 420

21). If CAT is coded as 72 and TROT is coded as 292, then how will STAG be coded as?

- (a) 47 (b) 235 (c) 141 (d) 188

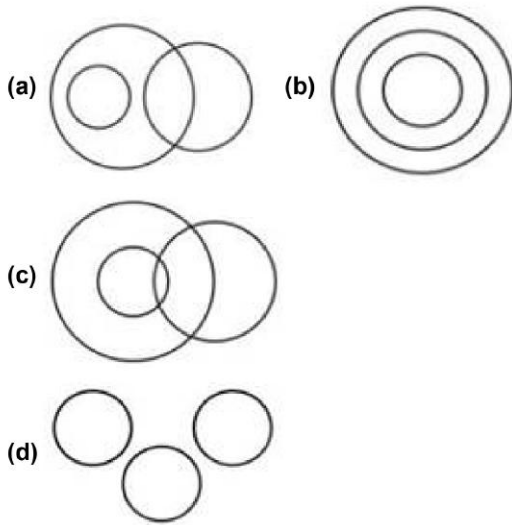
22). A paper is folded and cut as shown in the following figures (X, Y and Z). Select the option that depicts how this paper will appear when unfolded.



- (a) (b)
(c) (d)

- 23). Select the Venn diagram that best illustrates the relationship between the following classes.

Wools, Wood, Leather



- 24). Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Trim : Hair

- (a) Dog : Stag (b) Eye : Red (c) Prune : Shrub
(d) Nail : Face

- 25). In a code language, 'HUSK' is written as 'LZYR'. How will 'SERIAL' be written as in that language?

- (a) WJXPIU (b) WKYQJU (c) WKYQJV
(d) WJXPIV

General Awareness

- 1). The High Yielding Varieties (HYVs) of wheat were first developed in _____

- (a) Australia (b) Mexico (c) USA (d) Japan

- 2). The 2023 Abel Prize has been awarded to _____

- (a) Robert P Langlands (b) Yves Meyer
(c) Lewis Caffarelli (d) Sir Andrew J Wiles

- 3). Which of the following fuels has calorific value equal to petrol?

- (a) Methane (b) Kerosene (c) CNG (d) LPG

- 4). In which of the following organs of human body, are carbohydrates stored as glycogen?

- (a) Stomach (b) Liver (c) Small intestine
(d) Large intestine

- 5). With which of the following sports is Anjum Moudgil associated?

- (a) Archery (b) Table tennis (c) Chess
(d) Shooting

- 6). The Channel Tunnel is the name of an undersea tunnel connecting _____.

- (a) France and Germany (b) France and England
(c) France and Spain (d) Spain and Morocco

- 7). Which of the following schedules of the Constitution of India contains the format of oaths to be taken by different constitutional functionaries?

- (a) 4th Schedule (b) 5th Schedule
(c) 3rd Schedule (d) 2nd Schedule

- 8). In the context of the Internet, which of the followings is NOT a protocol?

- (a) TCP (b) UDP (c) Telnet (d) PPT

- 9). The Election Commission of India recently launched a mobile app for enabling citizens to report Model Code of Conduct and Expenditure violations during the elections. The app has been named as

- (a) iElect (b) cVigil (c) iMonitor (d) Samadhan

- 10). Under the Sustainable Alternative Towards Affordable Transportation (SATAT) scheme, _____ is being promoted as an alternative transport fuel.

- (a) CNG (b) Compressed biogas (c) LPG
(d) hydrogen

- 11). Who among the following is also known as the founder of macroeconomics as a separate discipline?

- (a) Adam Smith (b) Fischer Black
(c) Robert Merton (d) John Maynard Keynes

- 12). The Pradhan Mantri Kisan Samman Nidhi scheme, announced in the Interim Budget, aims at _____.

- (a) Providing life insurance for small and marginal farmers
(b) Ensuring effective implementation of minimum support prices for all edible crops

(c) Providing medical insurance for small farmer families

(d) Ensuring minimum income for farmer families who own up to two hectares of cultivable land

13). Which of the following is NOT a valve of the Heart?

(a) Mitral (b) Aortic (c) Tricuspid (d) Septum

14). The Mughal emperor _____ adopted the title of Alamgir.

(a) Akbar (b) Shah Jahan (c) Aurangzeb
(d) Jahangir

15). Who among the following co-authored the book 'Indian Fiscal Federalism' along with YV Reddy?

(a) GR Reddy (b) Raghuram Rajan (c) Bimal Jalan
(d) Urjit Patel

16). Which of the following rivers is NOT a part of the Ganga River System?

(a) Dhansiri (b) Hindon (c) Son (d) Mandakini

17). The famous Khajurao Group of Monuments was constructed by the _____.

(a) Solankis (b) Gahadavalas (c) Chaulukyas
(d) Chandelas

18). The Strait of _____ connects the Mediterranean Sea with the Atlantic Ocean.

(a) Bonifacio (b) Kerch (c) Gibraltar (d) Messina

19). As per the Table of Precedence, who among the following enjoys the highest ceremonial protocol?

(a) Holders of Bharat Ratna
(b) Judges of the Supreme Court of India
(c) Cabinet Ministers of the Union
(d) Deputy Chairman of Rajya Sabha

20). Sudirman Cup, a biennial event, is associated with _____.

(a) badminton (b) table tennis (c) hockey
(d) shooting

21). Which of the following organisations publishes an annual report titled 'Global Competitiveness Index'?

(a) International Monetary Fund
(b) Asian Development Bank (c) World Bank

(d) World Economic Forum

22). In the context of computers and communication technology, 1 megabyte is equal to _____.

(a) 512 kilobytes (b) 512 bytes (c) 1024 bytes
(d) 1024 kilobytes

23). Who among the following leaders was NOT a founding member of the Hindustan Socialist Republican Army?

(a) Ajoy Ghosh (b) Jatin Das (c) Bhagat Singh
(d) Badruddin Tyabji

24). Who among the following Indian female wrestlers won a gold medal in the 59-kg weight category at the Dan Kovlov - Nikola Petrov tournament?

(a) Vinesh Phogat (b) Pooja Dhanda
(c) Navjot Kaur (d) Sakshi Malik

25). The community called Thatheras figures in the Representative List of the Intangible Cultural Heritage of Humanity, UNESCO for _____

(a) manufacturing terracotta decorative objects gif
(b) manufacturing brass and copper utensils
(c) their traditional dance form called Bhangra
(d) their martial art

Quantitative Aptitude(Basic Arithmetic Skill)

1). If $\theta = 9^\circ$, then what is the value of $\cot\theta.\cot2\theta.\cot3\theta.\cot4\theta.\cot5\theta.\cot6\theta.\cot7\theta.\cot8\theta.\cot9\theta$?

(a) $\sqrt{3}-1$ (b) 1 (c) $\sqrt{3}$ (d) $1/\sqrt{3}$

2). If $a^2 + b^2 = 169$, $ab = 60$. ($a > b$). then $(a^2 - b^2)$ is equal to:

(a) 149 (b) 129 (c) 119 (d) 139

3). If $x = \frac{1}{12.13} + \frac{1}{13.14} + \frac{1}{14.15} + \dots + \frac{1}{23.24}$. Then $\frac{x}{y}$ is equal to:
 $y = \frac{1}{36.37} + \frac{1}{37.38} + \frac{1}{38.39} + \dots + \frac{1}{71.72}$
(Here, "." represents multiplication)

(a) $\frac{1}{3}$ (b) $\frac{1}{24}$ (c) $\frac{1}{72}$ (d) 3

- 4). For α and β both being acute angles, it is given that $\sin(\alpha + \beta) = 1$, $\cos(\alpha - \beta) = \frac{1}{2}$. The values of α and β are:

(a) $75^\circ, 15^\circ$ (b) $45^\circ, 15^\circ$ (c) $75^\circ, 45^\circ$ (d) $60^\circ, 30^\circ$

- 5). The simplified value of $\frac{0.01404}{24^2 + 6^2 - 144}$ is:

(a) 3×10^{-5} (b) 6×10^{-5} (c) 2.4×10^{-4} (d) 3×10^{-4}

- 6). OABC is a quadrilateral, where O is the centre of a circle and A, B, C are points in the circle. such that $\angle ABC = 120^\circ$. What is the ratio of the measure of $\angle AOC$ to that of $\angle OAC$?

(a) 3 : 1 (b) 4 : 1 (c) 2 : 1 (d) 3 : 2

- 7). The simplified value of $\frac{1}{2} \left(\frac{8}{5} + \left\{ 2\frac{1}{5} - \left(\frac{5}{16} + \frac{3}{5} \times 1\frac{7}{8} + \frac{2}{3} \right) \right\} \right)$

(a) $\frac{1}{4}$ (b) 4 (c) $\frac{1}{5}$ (d) 5

- 8). Given that the lengths of the paths of a ball thrown with different speeds by two boys are the same, and that the average speed for the first and second throws are respectively 90 km/h and 162 km/h, then what is the time taken by the first throw to cover the length if the same for the second throw is one second?

(a) $\frac{3}{2}$ sec (b) 1 sec (c) $\frac{5}{9}$ sec (d) $\frac{2}{3}$ sec

- 9). that $\angle BAT = 45^\circ$. N is a point on OA, such that BN = 10 cm. The length of the median OM of the ΔNOB is:

(a) $10\sqrt{2}$ CM (b) $5\sqrt{2}$ cm (c) $5\sqrt{3}$ cm
(d) 5 cm

- 10). The area of a sector of a circle with central angle 60° is A. The circumference of the circle is C. Then A is equal to:

(a) $\frac{C^2}{6\pi}$ (b) $\frac{C^2}{18\pi}$ (c) $\frac{C^2}{24\pi}$ (d) $\frac{C^2}{4\pi}$

- 11). The difference between the average of first ten prime numbers and the first ten prime numbers of two digits is:

(a) 14.5 (b) 16.5 (c) 12.5 (d) 13.5

- 12). The side BC of a right-angled triangle ABC ($\angle ABC = 90^\circ$) is divided into four equal parts at P, Q and R respectively. If $AP^2 + AQ^2 + AR^2 = 3b^2 + 17m^2$, then n is equal to:

(a) $-\frac{1}{8}$ (b) $\frac{3}{4}$ (c) $\frac{1}{8}$ (d) $-\frac{3}{4}$

- 13). It is given that $\sqrt{\frac{1-\sin x}{1+\sin x}} = a - \tan x$ then a is equal to:

(a) $\cos x$ (b) $\sin x$ (c) $\operatorname{cosec} x$ (d) $\sec x$

- 14). A shopkeeper bought an article for Rs.100 and marked its price 25% above the cost price. How much discount percentage should he announce in order to make a profit of 15%?

(a) 8.25 (b) 8.5 (c) 8 (d) 10

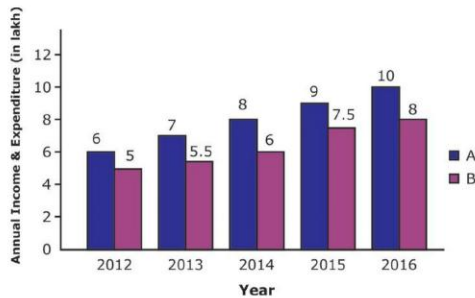
- 15). A rectangular portion of an airport runway was getting repaired for which an estimate was made on the basis of a rate Rs. R per square unit. But while doing the work, the length of the portion got increased by 10% and the breadth by 8%. Over and above this, there was an increase in the cost of the repair work to the extent of 15%. What was the overall percentage increase in the cost of repair over the estimate?

(a) 36.62 (b) 34.58 (c) 33 (d) 35.24

- 16). A borrowed a sum of Rs. 3,000 from his friend on 31 December 2007 on a condition that he would return the same after one year with simple interest at 15% p.a. However, A gets into the position of returning the sum on 31 August 2008. How much amount had A to return to B?

(a) Rs.3,300 (b) Rs.3,200 (c) Rs.3,310
(d) Rs.3,305

- 17). The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multi-national company during the years 2012 to 2016.



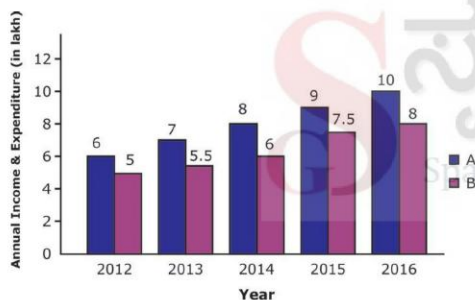
For which pair of years, the ratio of savings to expenditure is equal?

- (a) 2012, 2013 (b) 2013, 2014 (c) 2014, 2015
(d) 2012, 2015

18). Which among the following numbers is exactly divisible by 11, 13 and 7?

- (a) 259237 (b) 259248 (c) 3259270 (d) 259259

19). The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT official in a multi-national company during the years 2012 to 2016.



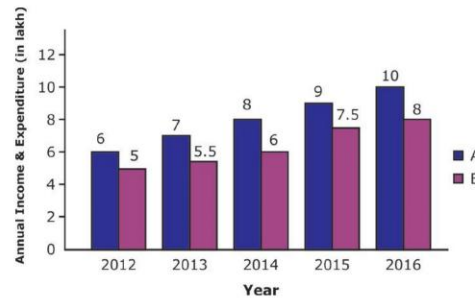
What was his average monthly savings in 2015 and 2016, taken together (correct to two decimal places)?

- (a) Rs.14,506.33 (b) Rs.14,967.67
(c) Rs.13,687.67 (d) Rs.14,583.33

20). it is given that $\triangle ABC : \triangle PRQ$ and that Area ABC : Area PRQ = 16 : 169. If AB = x, AC = y, BC = z (all in cm). then PQ is equal to:

- (a) $\frac{13}{4}y$ (b) $\frac{13}{4}z$ (c) $\frac{13}{4}x$ (d) $\frac{13}{8}x$

21). The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multi-national company during the years 2012 to 2016.



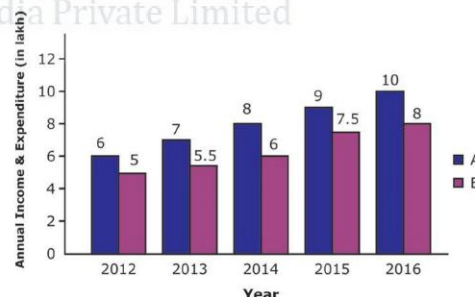
What is the percentage of his total savings with reference to his total income for the period 2012-15?

- (a) 30% (b) 27.5% (c) 25% (d) 20%

22). It is given that men are twice as efficient than women in respect of doing a work. If three men and two women can complete the work in 2 days, then in how many days can a woman working alone complete the work?

- (a) $12\frac{1}{2}$ (b) 16 (c) $10\frac{1}{3}$ (d) 8

23). The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multi-national company during the years 2012 to 2016.



What is the ratio between the ratios of Savings to Expenditure, respectively for the periods 2012-13 and 2015-16?

- (a) 146 : 135 (b) 155 : 147 (c) 21 : 34 (d) 25 : 36

24). An article is subject to two successive discounts of 10% and 5% before being sold. If its marked price is Rs. 800, then its selling price is:

- (a) Rs. 722 (b) Rs. 684 (c) Rs. 703 (d) Rs. 680

25). A milkman uses three containers for selling milk, their capacities being 40 L, 30 L and 20 L respectively. He fills respectively 87.5%, 80% and 90% of the containers with a mix of milk and water in the ratios, 3 : 2, 5 : 1 and 7 : 2 respectively. What is the ratio of the total quantity of milk to that of water carried by him?

- (a) 7 : 2 (b) 31 : 12 (c) 35 : 9 (d) 5 : 2